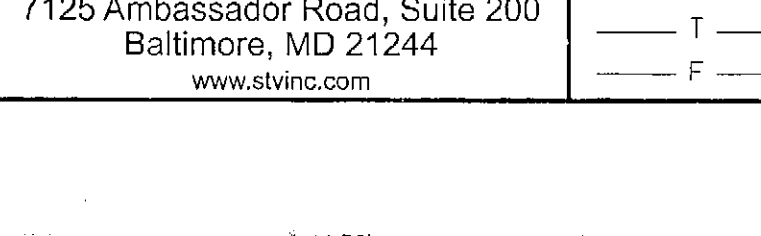
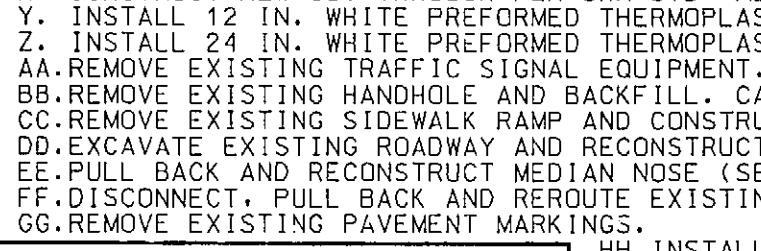
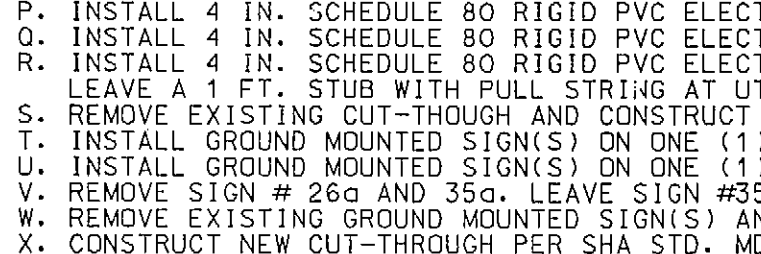
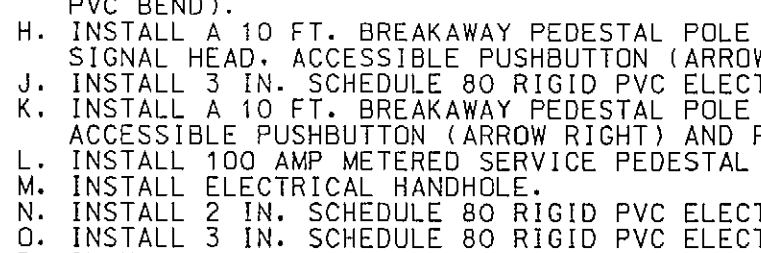
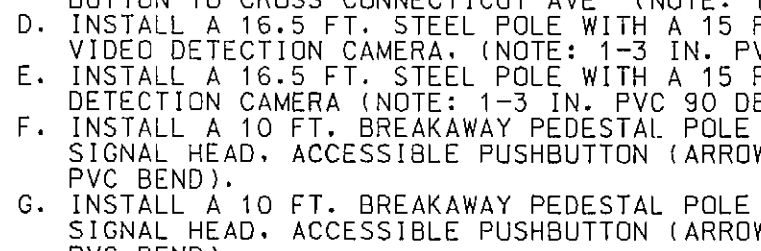
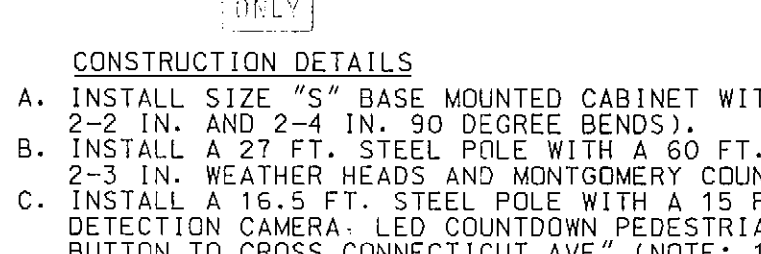
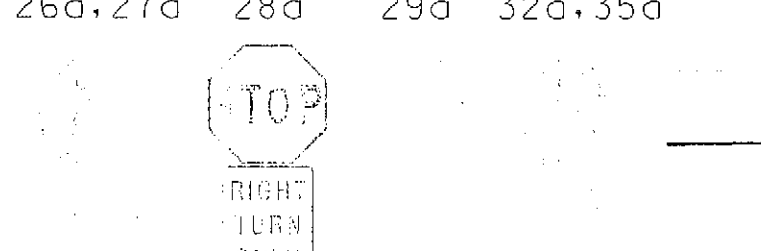
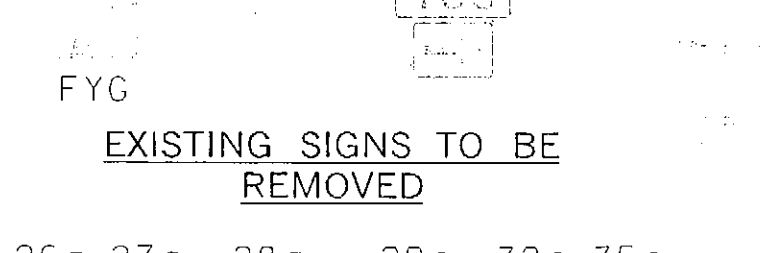
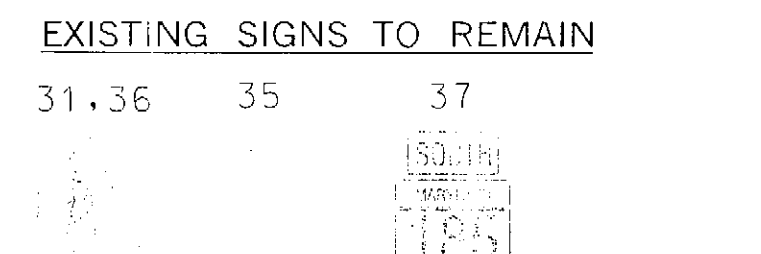
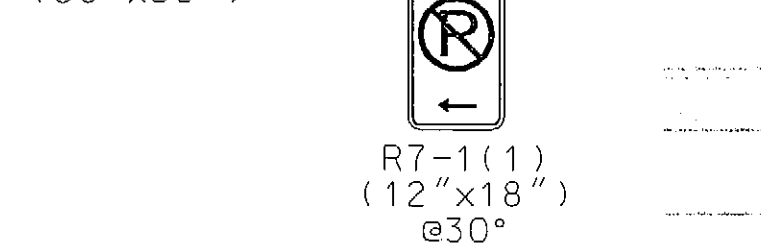
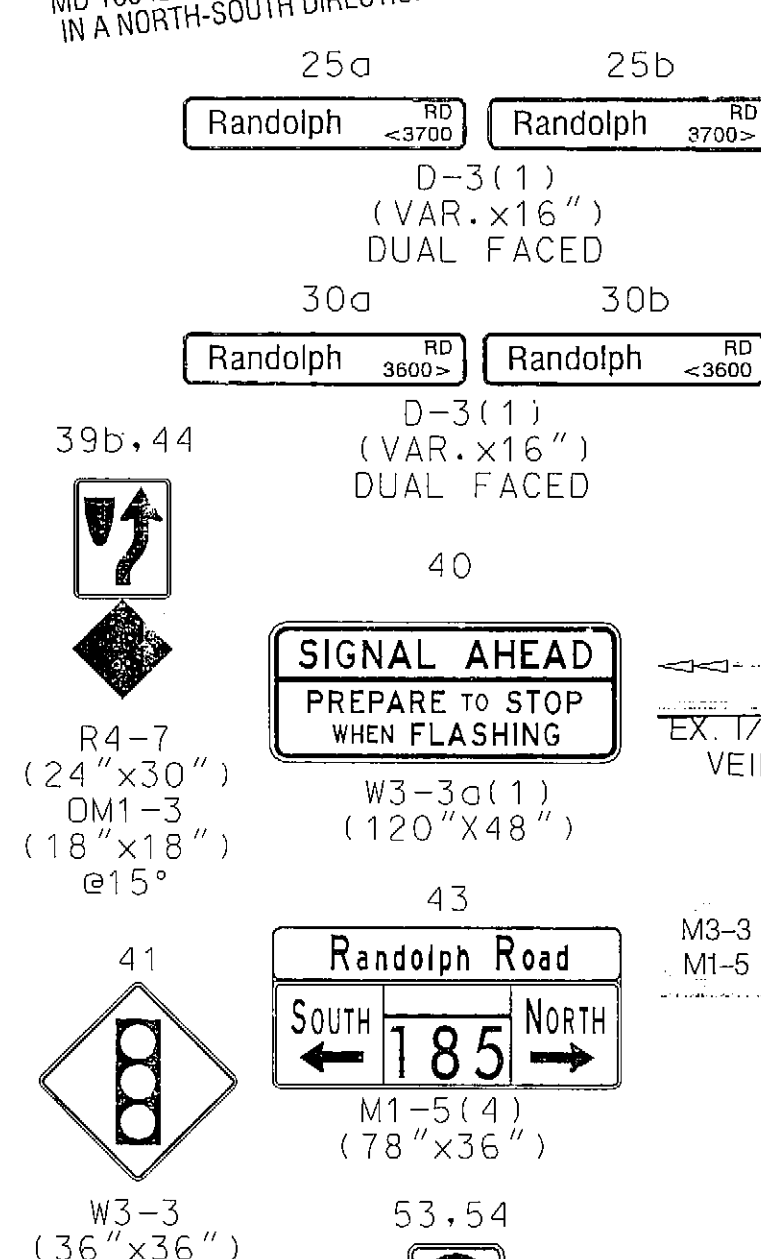
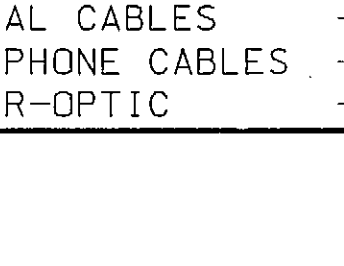
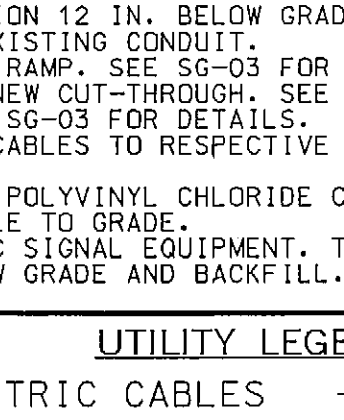
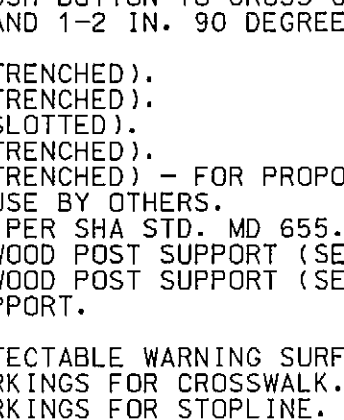
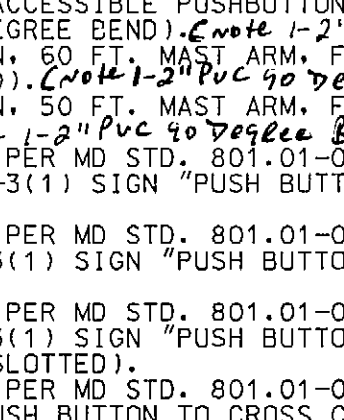
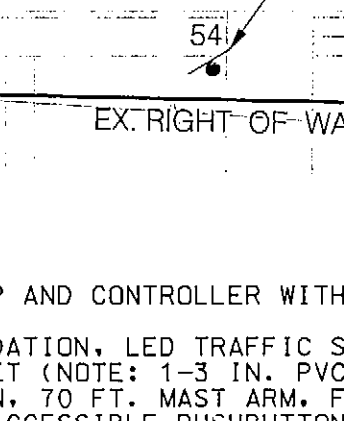
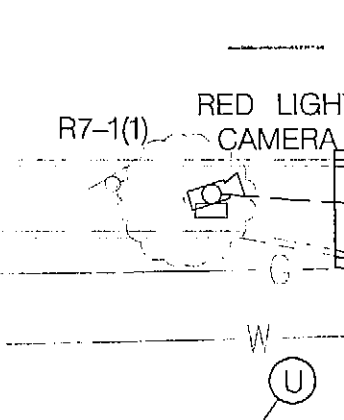
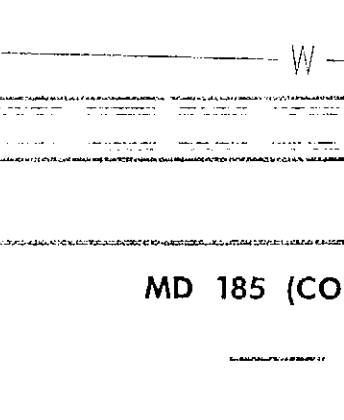
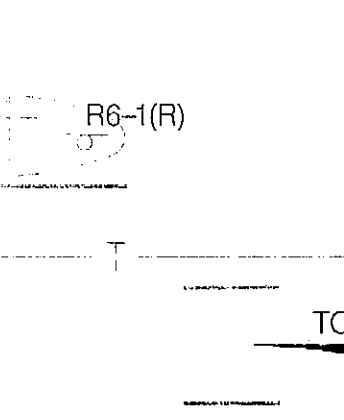
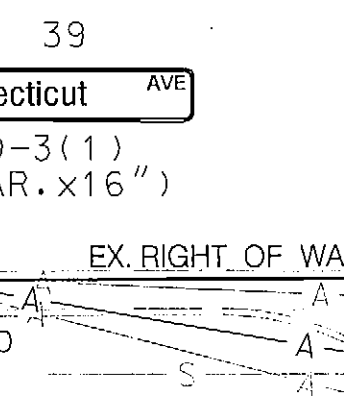
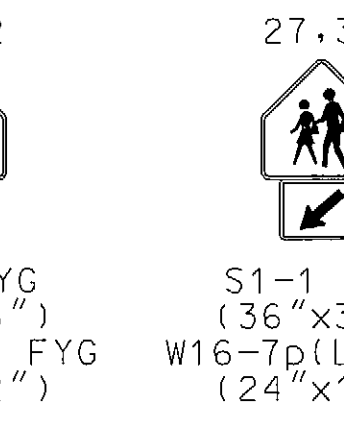


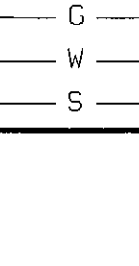
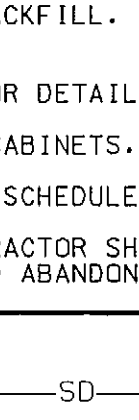
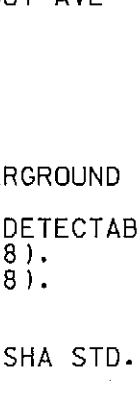
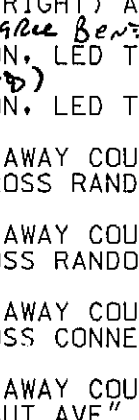
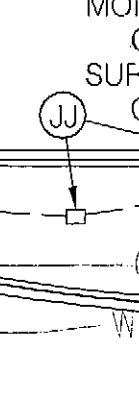
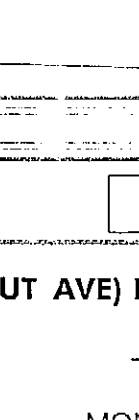
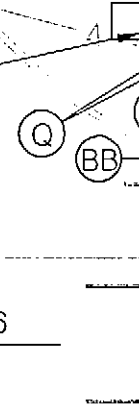
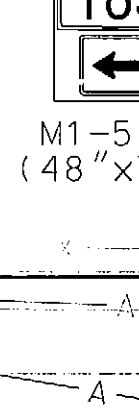
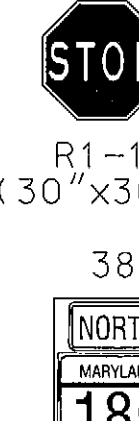
MD 185 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION



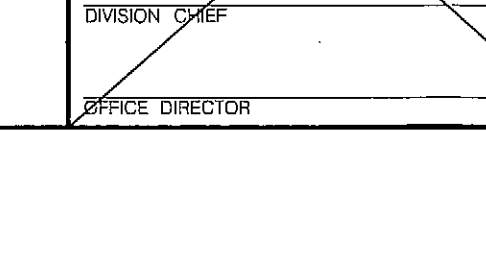
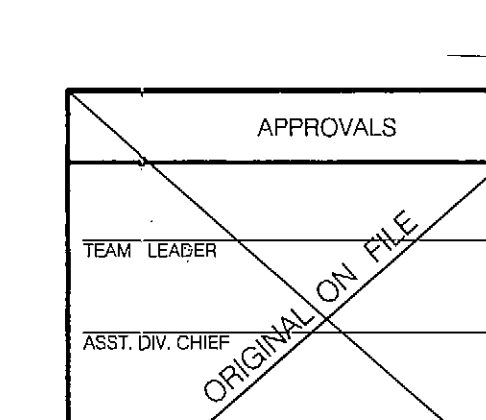
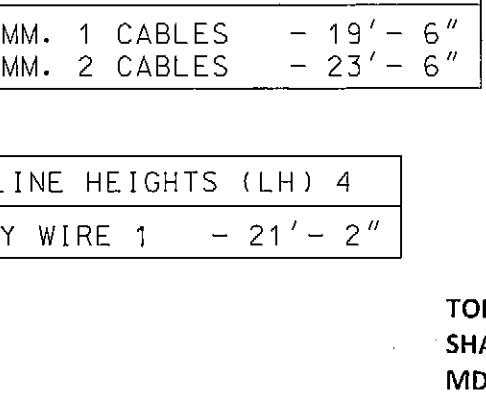
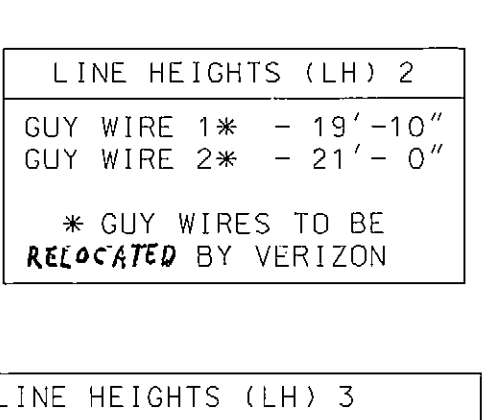
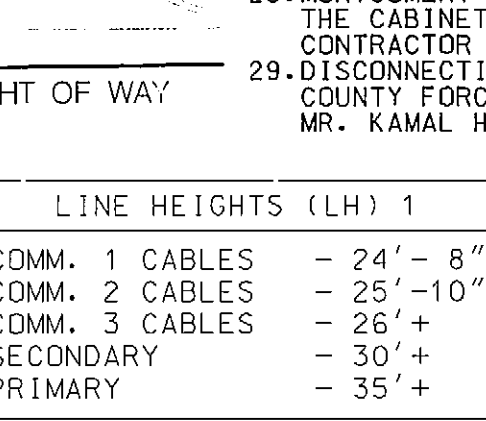
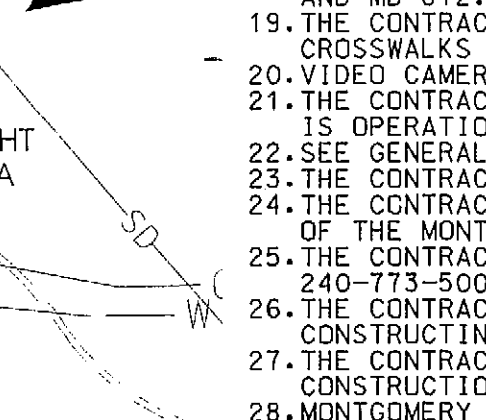
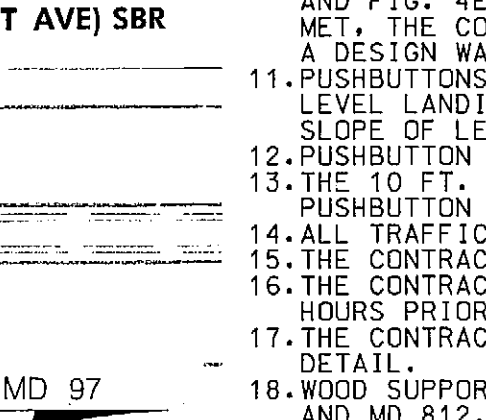
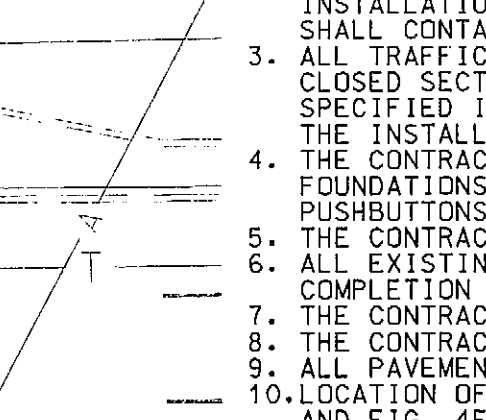
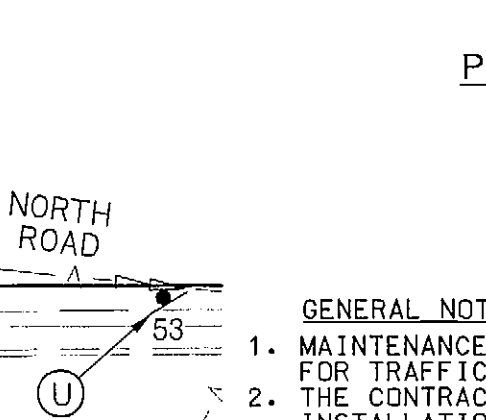
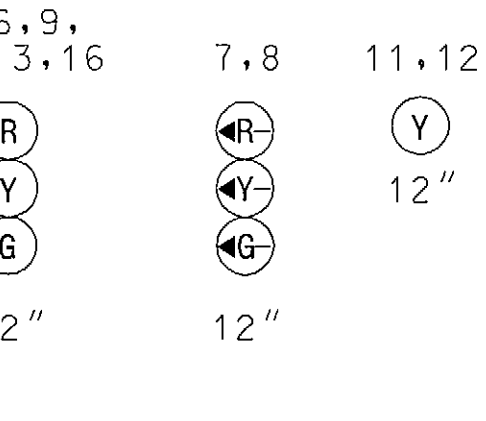
PROPOSED SIGNS



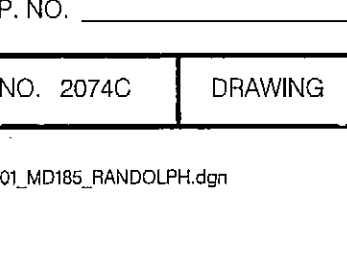
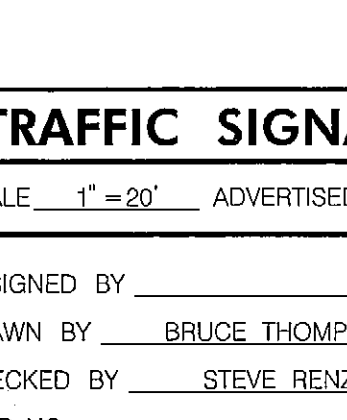
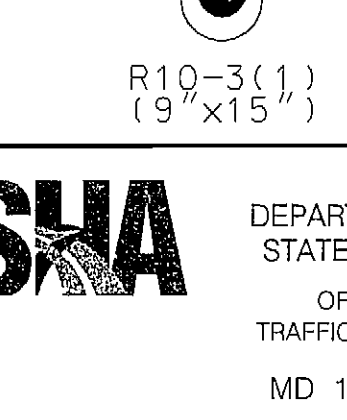
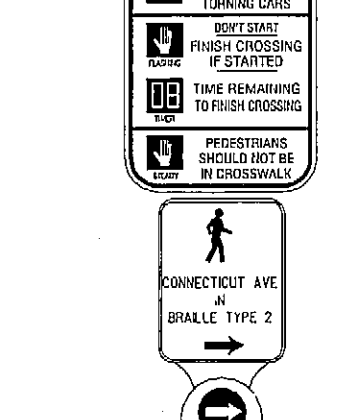
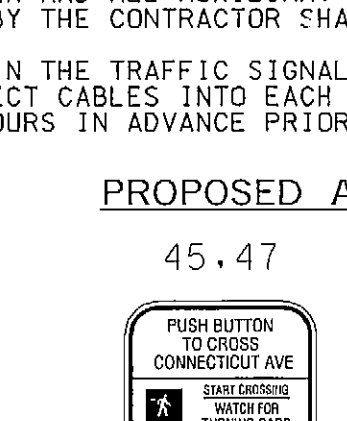
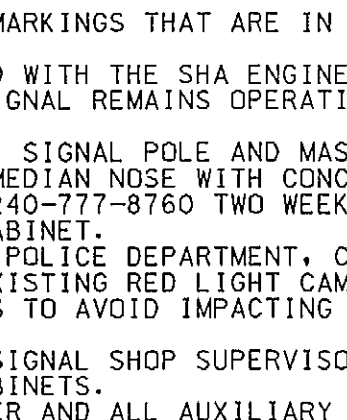
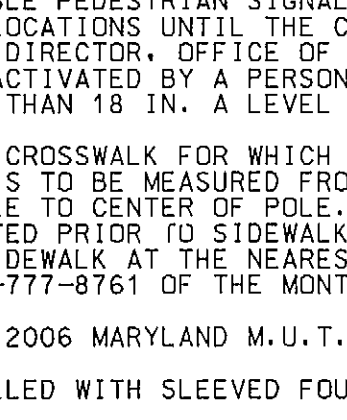
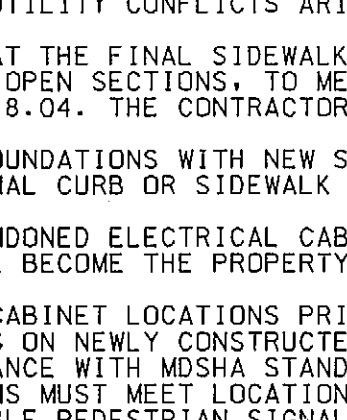
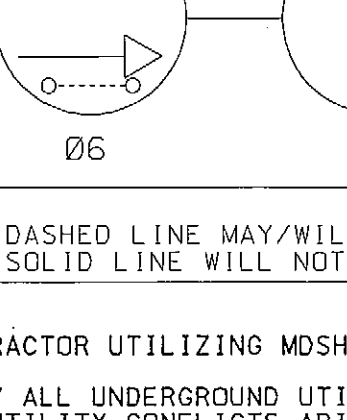
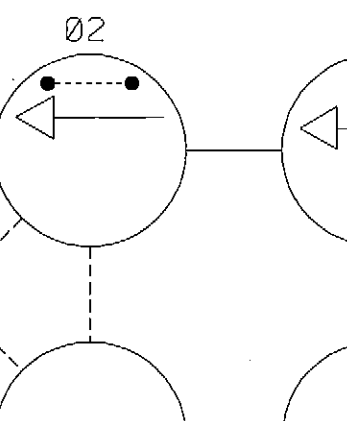
PROPOSED LED SIGNALS



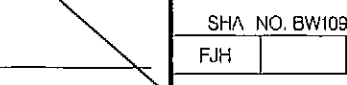
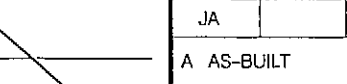
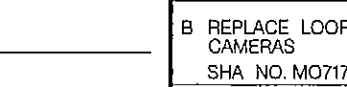
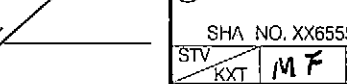
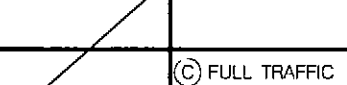
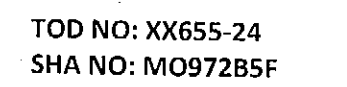
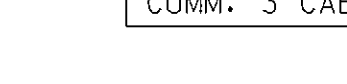
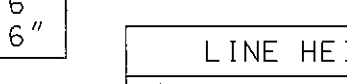
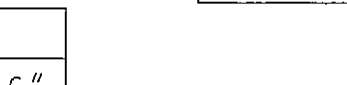
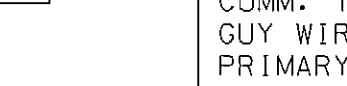
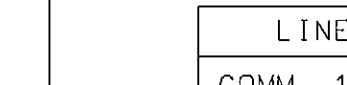
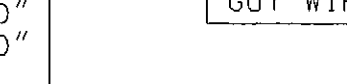
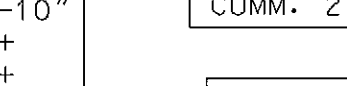
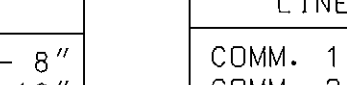
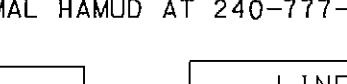
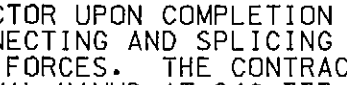
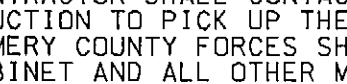
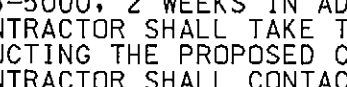
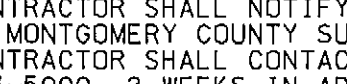
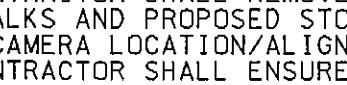
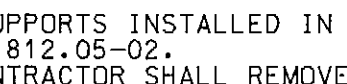
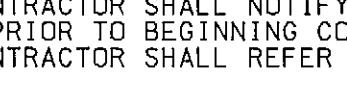
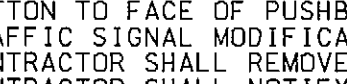
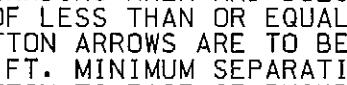
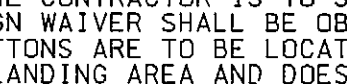
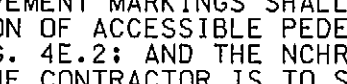
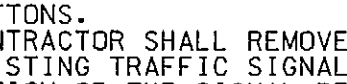
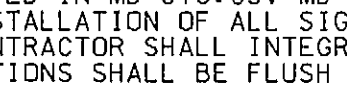
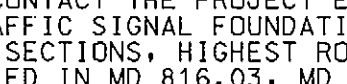
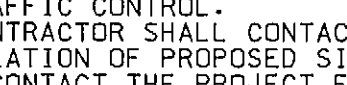
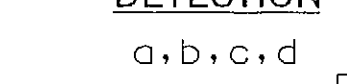
PROPOSED LED SIGNALS



NEMA PHASING



PROPOSED VIDEO DETECTION



CONSTRUCTION DETAILS

A. INSTALL SIZE "S" BASE MOUNTED CABINET WITH BATTERY BACKUP AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. 90 DEGREE BENDS).

B. INSTALL A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERA, 2-3 IN. WEATHER HEADS AND MONTGOMERY COUNTY SPLICE CABINET (NOTE: 1-3 IN. PVC 90 DEGREE BEND). (NOTE: 1-2 IN. PVC 90 DEGREE BEND).

C. INSTALL A 16.5 FT. STEEL POLE WITH A 15 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERA, 1-3 IN. PVC 90 DEGREE BEND). (NOTE: 1-2 IN. PVC 90 DEGREE BEND).

D. INSTALL A 16.5 FT. STEEL POLE WITH A 15 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGN AND VIDEO DETECTION CAMERA. (NOTE: 1-3 IN. PVC 90 DEGREE BEND). (NOTE: 1-2 IN. PVC 90 DEGREE BEND).

E. INSTALL A 16.5 FT. STEEL POLE WITH A 15 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGN AND VIDEO DETECTION CAMERA. (NOTE: 1-3 IN. PVC 90 DEGREE BEND). (NOTE: 1-2 IN. PVC 90 DEGREE BEND).

F. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER MD STD. 801.01-01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND R10-3(1) SIGN "PUSH BUTTON TO CROSS RANDOLPH ROAD" (NOTE: 1-2 IN. 90 DEG. PVC BEND).

G. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER MD STD. 801.01-01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN "PUSH BUTTON TO CROSS RANDOLPH ROAD" (NOTE: 1-2 IN. 90 DEG. PVC BEND).

H. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER MD STD. 801.01-01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN "PUSH BUTTON TO CROSS CONNECTICUT AVE" (NOTE: 1-2 IN. 90 DEG. PVC BEND).

J. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED).

K. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER MD STD. 801.01-01, BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND R10-3(1) SIGN "PUSH BUTTON TO CROSS CONNECTICUT AVE" (NOTE: 1-2 IN. 90 DEG. PVC BEND). SEE NOTE 4.

L. INSTALL 100 AMP METERED SERVICE PEDESTAL (NOTE: 1-4 IN. AND 1-2 IN. 90 DEGREE BENDS).

M. INSTALL ELECTRICAL HANDHOLE.

N. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).

O. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).

P. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED).

Q. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).

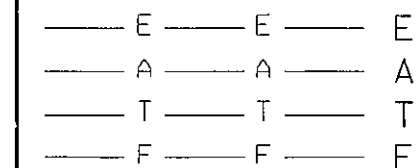
R. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).

S. REMOVE EXISTING CUT-THROUGH AND CONSTRUCT NEW CUT-THROUGH PER SHA STD. MD 655.21 WITH DETECTABLE WARNING SURFACE PER SHA STD. MD 655.40 (SEE NOTE 26).

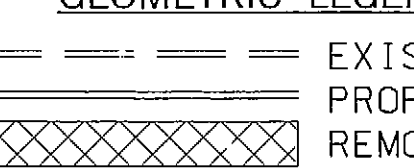
T. INSTALL GROUND MOUNTED SIGN(S) ON ONE (1) 4 IN. X 6 IN. WOOD POST SUPPORT (SEE NOTE 18).

U. INSTALL GROUND MOUNTED SIGN(S) ON ONE (1) 4 IN. X 4 IN. WOOD POST SUPPORT (SEE NOTE 18).

UTILITY LEGEND



GEOMETRIC LEGEND



STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

TOD NO: X655-24
SHA NO: M097285F
MD 185 @ Randolph Road



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 185 (CONNECTICUT AVENUE)
AT RANDOLPH ROAD
GLENMONT, MARYLAND

TRAFFIC SIGNALIZATION SHEET (1 OF 2)

SCALE: 1"=20' ADVERTISED DATE: 10/29/1985 CONTRACT NO.: M-410-501-317

DESIGNED BY: COUNTY: MONTGOMERY

DRAWN BY: BRUCE THOMPSON LOGMILE: 15018506.32

CHECKED BY: STEVE RENZI TMS NO.

F.A.P. NO. TOD NO.

TS NO. 2074C DRAWING: SG-01 OF 04 SHEET NO. 01 OF 04

PLOTTED: Friday, May 11, 2012 AT 02:46 PM
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